

## Form PTO-SB08 (modified)

Atty. Docket No.  
INVIT1100-1Serial No.  
09/245,615

List of Patents and Publications for Applicant's  
SEP 08 2006 INFORMATION DISCLOSURE STATEMENT  
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Applicant  
Hoeffler et al.

Filing Date:  
February 4, 1999

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U.S. PATENT DOCUMENTS					
Exam. Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
L/C	A1	US2002-0007051 A1	01-2002	Cheo et al.	
	A2	US2002-0106702 A1	08-2002	Wagner et al.	
	A3	US2002-0110933 A1	08-2002	Wagner et al.	
	A4	US2002-0119579 A1	08-2002	Wagner et al.	
	A5	US2002-0132272 A1	09-2002	Wagner et al.	
	A6	US2002-0164656 A1	11-2002	Hoeffler et al.	
	A7	US2002-106702 A1	08-2002	Wagner et al.	
	A8	US2002-110933 A1	08-2002	Wagner et al.	
	A9	US2002-119579 A1	08-2002	Wagner	
	A10	US2002-132272 A1	09-2002		
	A11	US2002-164656 A1	11-2002	Hoeffler et al.	
	A12	US2003-0003599 A1	01-2003	Wagner et al.	
	A13	US2003-0017149 A1	01-2003	Hoeffler et al.	
	A14	US2003-0073811 A1	04-2003	Kozlowski et al.	
	A15	US2003-0073811 A1	04-2003	Kozlowski et al.	
	A16	US2003-0207467 A1	11-2003	Snyder et al.	
	A17	US2004-0024151 A1	02-2004	Becker et al.	
	A18	US2004-0241751 A1	12-2004	Wagner, Peter ; et al.	
	A19	US2004-0248323 A1	12-2004	Zhou et al.	
	A20	US2005-0008674 A1	01-2005	Wagner et al.	
	A21	US2005-0014292 A1	01-2005	Wagner et al.	
L/C	A22	US2005-0026215 A1	02-2005	Predki et al.	

EXAMINER: *Olivia L Cook*

DATE CONSIDERED: 6/4/07

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Exam. Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
L/C	A23	US2005-0095646 A1	05-2005	Sherman	
	A24	US2005-0100947 A1	05-2005		
	A25	US2005-0118665 A1	06-2005	Zhou et al.	
	A26	US2005-0182242 A1	08-2005	Snyder et al.	
	A27	US2005-0233473 A1	10-2005	Cicero et al.	
	A28	US2005-0244854 A1	11-2005	Cahill et al.	
	A29	US2006-0035387	02-2006	Wagner et al.	
	A30	US2006-0035387 A1	02-2006	Wagner et al.	
	A31	4,071,409	01-1978	Messing et al.	
	A32	4,562,157	12-1985	Lowe et al.	
	A33	4,690,715	09-1987	Allara et al.	
	A34	4,722,896	02-1988	Kadish et al.	
	A35	4,728,591	03-1988	Clark et al.	
	A36	4,802,951	02-1989	Clark et al.	
	A37	4,894,146	01-1990	Giddings	
	A38	4,908,112	03-1990	Pace	
	A39	4,973,493	11-1990	Guire	
	A40	4,987,032	01-1991	Miyasaka et al.	
	A41	5,079,600	01-1992	Schnur et al.	
	A42	5,096,807	03-1992	Leaback et al.	
	A43	5,154,808	10-1992	Miyasaka et al.	
	A44	5,160,597	11-1992	Colapicchioni et al.	
L/C	A45	5,242,828	09-1993	Bergstrom et al.	

EXAMINER: *Office. J. Cook*

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U.S. PATENT AND TRADEMARK OFFICE  
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## U.S. PATENT DOCUMENTS

Exam. Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
L/C	A46	5,252,743	10-1993	Barrett et al.	
	A47	5,294,369	03-1994	Shigekawa et al.	
	A48	5,296,114	03-1994	Manz et al.	
	A49	5,304,487	04-1994	Wilding et al.	
	A50	5,342,692	08-1994	Ribi	
	A51	5,348,886	09-1994	Lee et al.	
	A52	5,376,252	12-1994	Ekstrom et al.	
	A53	5,384,261	01-1995	Winkler et al.	
	A54	5,405,766	04-1995	Kallury et al.	
	A55	5,405,783	04-1995	Pirrung et al.	
	A56	5,412,087	05-1995	Mc.Gall et al.	
	A57	5,429,708	07-1995	Linford et al.	
	A58	5,429,807	07-1995	Matson et al.	
	A59	5,432,099	07-1995	Ekins	
	A60	5,441,876	08-1995	Singh et al.	
	A61	5,445,934	08-1995	Fodor et al.	
	A62	5,466,589	11-1995	Olinger et al	
	A63	5,472,881	12-1995	Beebe et al.	
	A64	5,506,121	04-1996	Skerra et al.	
	A65	5,510,270	04-1996	Fodor et al.	
	A66	5,512,131	04-1996	Kumar et al.	
	A67	5,512,492	04-1996	Herron et al.	
L/C	A68	5,514,501	05-1996	Tarlov	

EXAMINER: *Alex Cook*

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U.S. PATENT DOCUMENTS					
Exam. Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Lyc	A69	5,516,635	05-1996	Ekins et al.	
	A70	5,520,787	05-1996	Hanagan et al.	
	A71	5,532,128	07-1996	Eggers	
	A72	5,545,531	08-1996	Rava, et al.	
	A73	5,571,410	11-1996	Swedberg et al.	
	A74	5,593,838	1-1997	Zanzucchi et al.	
	A75	5,603,351	02-1997	Cherukuri et al.	
	A76	5,620,850	04-1997	Bamdad et al.	
	A77	5,622,826	04-1997	Varma	
	A78	5,624,711	04-1997	Sundberg et al.	
	A79	5,629,213	05-1997	Kornguth et al.	
	A80	5,635,358	06-1997	Wilding et al.	
	A81	5,637,469	06-1997	Wilding et al.	
	A82	5,643,948	07-1997	Driedger et al.	
	A83	5,665,582	09-1997	Kausch et al.	
	A84	5,677,195	10-1997	Winkler et al.	
	A85	5,677,196	10-1997	Herron et al.	
	A86	5,681,484	10-1997	Zanzucchi et al.	
	A87	5,688,642	11-1997	Chrisey et al.	
	A88	5,700,642	12-1997	Monforte et al.	
	A89	5,719,060	02-1998	Hutchens et al.	
	A90	5,726,026	03-1998	Wilding et al.	
	A91	5,731,152	03-1998	Maracas et al.	
	A92	5,741,700	04-1998	Ershov et al.	
Lyc	A93	5,756,355	05-1998	Lnag et al.	

EXAMINER: *Alexa Cook*

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L/C	A94	5,763,170	06-1998	Raybuck	
	A95	5,766,908	06-1998	Klein et al.	
	A96	5,776,674	07-1998	Ulmer	
	A97	5,776,706	07-1998	Siiiman et al.	
	A98	5,776,748	07-1998	Singhvi, et al.	
	A99	5,807,755	09-1998	Ekins	
	A100	5,814,565	09-1998	Reichert et al.	
	A101	5,827,658	10-1998	Liang	
	A102	5,834,319	11-1998	Ekins	
	A103	5,837,551	11-1998	Ekins	
	A104	5,837,832	11-1998	Chee et al.	
	A105	5,851,840	12-1998	Sluka et al.	
	A106	5,854,018	12-1998	Hitzemanet al.	
	A107	5,858,188	01-1999	Soane et al.	
	A108	5,861,242	01-1999	Chee et al.	
	A109	5,866,345	02-1999	Wilding et al.	
	A110	5,866,363	02-1999	Pieczenik	
	A111	5,874,219	02-1999	Rava, et al.	
	A112	5,885,793	03-1999	Griffiths et al.	
	A113	5,905,024	05-1999	Mirzabekov et al.	
	A114	5,919,523	07-1999	Sundberg et al.	
	A115	5,922,594	07-1999	Lofang.s	
	A116	5,922,617	07-1999	Wang et al.	
	A117	5,925,552	07-1999	Keogh et al.	
	A118	5,928,880	07-1999	Wilding et al.	
	A119	5,942,443	08-1999	Parce et al.	
	A120	5,945,334	08-1999	Fodor et al.	
L/C	A121	5,981,734	11-1999	Mirzabekov et al.	

EXAMINER: *Alisa. Cook*

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L/C	A122	6,001,607	12-1999	Tang, et al.	
	A123	6,040,193	3/21/00	Winkler, et al.	
	A124	6,051,380	04-2000	Sosnowski, et al.	
	A125	6,064,754	05-2000	Parekh, et al.	
	A126	6,066,448	05-2000	Wohlstadter	
	A127	6,083,763	07-2000	Balch	
	A128	6,087,102	07-2000	Chenchik et al.	
	A129	6,087,103	07-2000	Burmer	
	A130	6,090,545	07-2000	Wohlstadter	
	A131	6,103,479	08-2000	Taylor	
	A132	6,107,059	08-2000	Hart	
	A133	6,121,048	09-2000	Zaffaroni et al.	
	A134	6,140,045	10-2000	Wohlstadter	
	A135	6,190,908	02-2001	Kang	
	A136	6,225,047	05-2001	Hutchens, et al.	
	A137	6,232,066	05-2001	Felder et al.	
	A138	6,303,344	10-2001	Patten et al.	
	A139	6,316,186	11-2001	Ekins	
	A140	6,329,209	12-2001	Wagner, et al.	
	A141	6,346,413	02-2002	Fodor et al.	
	A142	6,350,369	02-2002	Lewis, et al.	
	A143	6,365,418	04-2002	Wagner et al.	
	A144	6,391,625	05-2002	Park et al.	
	A145	6,399,365	06-2002	Besemer, et al.	
	A146	6,403,320	06-2002	Read, et al.	
	A147	6,406,840	06-2002	Li et al.	
	A148	6,406,921	06-2002	Wagner, et al.	
L/C	A149	6,416,952	07-2002	Pirrung, et al.	

EXAMINER: *Olisa Cook*

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## U.S. PATENT DOCUMENTS

Exam. Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
L/C	A150	6,440,662	08-2002	Gerwen et al.	
	A151	6,454,924	09-2002	Jedrzejewski et al.	
	A152	6,475,808	11-2002	Wagner et al.	
	A153	6,475,809	11-2002	Wagner et al.	
	A154	6,476,215	11-2002	Okamoto et al.	
	A155	6,544,739	04-2003	Fodor , et al.	
	A156	6,565,045	05-2003	Correge et al.	
	A157	6,576,478	06-2003	Wagner et al.	
	A158	6,582,969	06-2003	Wagner et al.	
	A159	6,596,545	07-2003	Wagner et al.	
	A160	6,600,031	07-2003	Fodor , et al.	
	A161	6,610,482	08-2003	Fodor , et al.	
	A162	6,630,358	10-2003	Wagner et al.	
	A163	6,682,942	01-2004	Wagner et al.	
	A164	6,692,751	02-2004	Zebedee , et al.	
	A165	6,699,665	02-2004	Kim et al.	
	A166	6,720,157	04-2004	Indermuhle , et al.	
	A167	6,780,582	08-2004	Wagner et al.	
	A168	6,790,940	09-2004	Zentgraf et al.	
	A169	6,897,073	05-2005	Wagner et al.	
	A170	6,919,211	07-2005	Fodor , et al.	
	A171	6,943,034	09-2005	Winkler , et al.	
L/C	A172	6,960,457	11-2005	Spudich , et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Art Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T
L/C	B1	DE19543232 A	11-1995	Ermantraut et al.		*
L/C	B2	DE3939973 A	12-1989	Fuchs et al.		*
L/C	B3	EP0596421 A	10-1993	Barner et al.		*

EXAMINER: *Risa Cook*DATE CONSIDERED: *6/4/07*

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L/C	B4	EP0619321	12-1994	Affymax Tech		
	B5	EP0664452 A2	07-1995	Sluka et al.		*
	B6	EP0780423 A	12-1996	Sluka et al.		*
	B7	EP0818467	01-1998	Miwa et al.		
	B8	EP0972564	01-2000	Winkler et al.		
	B9	EP1086742	03-2001	Buchko et al.		
	B10	JP02272081	11-1990	Miyaska		*
	B11	JP6041183	02-1994	Debitsudo		*
	B12	JP7084372	03-1995	Ichinose		*
	B13	WO 00/06770	02-2000	Balasubramanian et al.		
	B14	WO 00/07024	02-2000	Wildsmith et al.		
	B15	WO 00/20475	04-2000	Sutherland et al.		
	B16	WO 91/16425	10-1991	Sigrist et al.		*
	B17	WO 92/10588	06-1992	Fodor et al.		
	B18	WO 93/12248	06-1993	Spencer et al.		
	B19	WO 95/08770	03-1995	Seeger et al.		
	B20	WO 96/02830	02-1996	Sartore et al.		
	B21	WO 96/29629	09-1996	Whitesides et al.		
	B22	WO 96/38726	12-1996	Heyse et al.		
	B23	WO 96/39937	12-1996	Ferrari et al.		
	B24	WO 97/32017	09-1997	Ilag et al.		
	B25	WO 97/33737	09-1997	Kim Enoch et al.		
	B26	WO 97/36681	10-1997	Woudenberg et al.		
	B27	WO 97/41424	11-1997	Lennox et al.		
	B28	WO 97/41425	11-1997	Lennox et al.		
	B29	WO 97/42507	11-1997	Esnouf et al.		
	B30	WO 98/23948	06-1998	Boxer et al.		
L/C	B31	WO 98/27229	06-1998	Mirzabekov et		

EXAMINER: *Olisa Cook*

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				al.		
L/C	B32	WO 98/39481	09-1998	Anderson et al.		
	B33	WO 98/43086	10-1998	Everhart et al.		
	B34	WO 98/50773	11-1998	Charych et al.		
	B35	WO 98/59361	12-1998	Hutchens et al.		
	B36	WO 99/11777	03-1999	Bivation Limited		
	B37	WO 99/28502	06-1999	Hoeffler		
	B38	WO 99/39210	08-1999	Humphrey-Smith Ian		
	B39	WO 99/40434	08-1999	Hoeffler et al.		
	B40	WO 99/45130	09-1999	Clark et al.		
L/C	B41	WO 99/57312	11-1999	Cahill et al		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
L/C	C1	Arenkov et al. "Protein microchips: use for immunoassay and enzymatic reactions. Anal Biochem. 2000 Feb 15;278(2):123-31.	
	C2	Baecher-Allan et al., "Differential epitope expression of Ly-48 (mouse leukosialin).", Immunogenetics. 1993;37(3):183-92.	
	C3	Becker et al. "Fabrication of microstructures with high ratios and great structural heights by synchrotron radiation lithography, galvanoforming, and plastic moulding (LIGA process)" Microelectronic Engineering 4:35-56 (1986)	
	C4	Becker et al. "Production of separation -nozzle systems for uranium enrichment by a combination of x-ray lithography and galvanoplastics" Naturwissenschaften 69:520-523 (1982)	
	C5	Bielke et al., "Characterization of a novel murine testis-specific serine/threonine kinase." Gene. 1994 Feb 25;139(2):235-9.	
	C6	Bieri et al. "Micropatterned immobilization of a G protein-coupled receptor and direct detection of G protein activation." Nat Biotechnol. 1999 Nov;17(11):1105-8.	
L/C	C7	Bussow K, Cahill D, Nietfeld W, Bancroft D, Scherzinger E, Lehrach H, Walter G. "A method for global protein expression and antibody screening on high-density filters of an arrayed cDNA library." Nucleic Acids Res. 1998 Nov 1;26(21):5007-8.	

EXAMINER: *Rosa X. Cook*

DATE CONSIDERED: 6/4/07

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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## List of Patents and Publications for Applicant's

Applicant  
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
Lyc	C8	Cha et al. Expression of fused protein, human interleukin-2 simplified as a fusion with green fluorescent protein, in suspended Sf-9 insect cells" J. Biotechnology 69, 9-17 (1999). Early work presented at " Annual Meeting of The American Institute of Chemical Engineers, Los Angeles, CA, " Nov. 1997	
	C9	Chesnut JD, Baytan AR, Russell M, Chang MP, Bernard A, Maxwell IH, Hoeffler JP. Selective isolation of transiently transfected cells from a mammalian cell population with vectors expressing a membrane anchored single-chain antibody. J Immunol Methods. 1996 Jun 14;193(1):17-27.	
	C10	Clark et al., "Construction and analysis of arrayed cDNA libraries." "Methods Enzymol.;303, 205-33 1999.	
	C11	Cload et al. "Development of improved tRNAs for in vitro biosynthesis of proteins containing unnatural amino acids" Chemistry & Biology 3:1033-1038 (1996)	
	C12	Cohen et al., "A microchip-based enzyme assay for protein kinase A." Anal Biochem. 1999 Aug 15;273(1):89-97.	
	C13	Collioud et al. (1993). Oriented and covalent immobilization of target molecules to solid supports: Synthesis and application of a light-activatable and thiol-reactive cross-linking reagent. Bioconjugate Chem. 4:528-536.	
	C14	Condra et al. "In vivo emergence of HIV-1 variants resistant to multiple protease inhibitors" Nature 374:569-571 (1995)	
	C15	Copeland CS, Snyder M. Nuclear pore complex antigen delineate nuclear envelope dynamics in vegetative and conjugating <i>Saccharomyces cerevisiae</i> . Yeast. 1993 Mar;9(3):235-49. PMID: 8488725	
	C16	Couchman et al., "p53lyn and p56lyn: a new signaling pathway in human endometrium and endometrial adenocarcinomas.", J Soc Gynecol Investig. Mar-Apr;4(2):103-9. (1997)	
	C17	Dammer et al., "Specific antigen/antibody interactions measured by force microscopy" Biophysical Journal, 70:2437-2441 (1996)	
	C18	Davies and Benzer: Generation of cDNA expression libraries enriched for in-frame sequences" PNAS v. 94, 2128-2132, 1997	
	C19	Dawson et al., "Peptide-derived self-assembled monolayers: adsorption of N-stearoyl L-Cysteine methyl ester on gold," Journal of Molecular Recognition, 10:18-25 (1997).	
	C20	Duschl et al., "Surface engineering: optimization of antigen presentation in self-assembled monolayers," Biophysical Journal, 70:1985-1995 (1996).	
	C21	Dzgoev et al "Microformat imaging ELISA for pesticide determination" Anal. Chem. 68(19):3364 (1996)	
Lyc	C22	Ekins "Ligand assays" from electrophoresis to miniaturized microarrays Clin. Chem. 44(9):2015-2030 (1998)	

EXAMINER:

Rosa. Cook

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SEP 06 2005 INFORMATION DISCLOSURE STATEMENT  
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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
L/C	C23	Ellman et al. "Biosynthetic methods for introducing unnatural amino acids site-specifically into proteins" Methods in Enzymology 202:301-336 (1991)	
	C24	Emili et al. "Large-scale functional analysis using peptide or protein arrays." Nat Biotechnol. 2000 Apr;18(4):393-7. Review.	
	C25	Ganz et al., "Characterization of plasminogen binding to human capillary and arterial endothelial cells.", Biochem Cell Biol. 1991 Jul;69(7):442-8.	
	C26	Geohegan et al. "Fluorescence-based continuous assay for the aspartyl protease of human immunodeficiency virus-1" FEBS 262:119-122 (1990)	
	C27	Gottlieb P, Nasoff MS, Fisher EF, Walsh AM, Caruthers MH. Binding studies of SV40 T-antigen to SV40 binding site II. Nucleic Acids Res. 1985 Sep 25;13(18):6621-34.	
	C28	Hanks et al. "T. protein Kinases 6. The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification. FASEB J. 9, 576-596 (1995).	
	C29	Hegner et al., "Immobilizing DNA on gold via thiol modification for atomic force microscopy imaging in buffer solutions," FEBS, 336(3):452-456 (1993)	
	C30	Hegner et al., "Modified DNA immobilized on bioreactive self-assembled monolayer on gold for dynamic force microscopy imaging in aqueous buffer solution," J. Vac. Sci. Technol. B, 14(2):1418-1421 (1996)	
	C31	Hegner et al., "Ultralarge atomically flat template-stripped Au surfaces for scanning probe microscopy," Surface Science, 291:39-46 (1993)	
	C32	Ho et al. "Characterization of human immunodeficiency virus type 1 variants that encode viral proteases with decreased sensitivity to an inhibitor of the viral protease" Journal of Virology 68:2016-2020 (1994)	
	C33	Hochuli et al. "Genetic approach to facilitate purification of recombinant proteins with a novel metal chelate adsorbent" Biotechnology 6:1321-1325 (1988)	
	C34	Hunter, T., & Plowman, G. D. The protein kinases of budding yeast: six score and more. TIBS 22, 18-22 (1997).	
	C35	Jacobson et al. "Fused quartz substrates for microchip electrophoresis" Anal. Chem. 67:2059-2063	
	C36	Jones et al. "Microminiaturized immunoassays using atomic force microscopy and compositionally patterned antigen arrays" Anal. Chem. 70(7):1223-1241 (1998)	
	C37	Kane et al. "Patterning proteins and cells using soft lithography." Biomaterials. 1999 Dec;20(23-24):2363-76. Review.	
L/C	C38	Kaplan et al. "Selection of multiple human immunodeficiency virus type 1 variants that encode viral proteases with decreased sensitivity to an inhibitor of the viral inhibitor" Proc. Natl. Acad. Sci. USA 91:5597-5601 (1994)	

EXAMINER: *Alex. Clock*

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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**List of Patents and Publications for Applicant's  
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**Hoefl et al.**

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
L/C	C39	Kemeny "Enzyme-linked immunoassays" In Immuno Chemistry 1 (eds Johnstone and Turner) p 147-175 (11/97)	
	C40	Korant et al. "The HIV protease and therapies for aids" Adv. in Experimental Med. and Biol 421:279-284 (1997)	
	C41	Kricka "Miniaturization of analytical systems" Clin. Chem. 44(9):2008-2014 (1998)	
	C42	Lehrach et al., "High-throughput tools for gene identification and functional gene analysis", Nucleic Acid Symp. Ser./Proceedings of the 1988 Miami Bio/Technology Winter Symposium; Feb. 7-11, 1998. v.38, 7-10, 1998	
	C43	Lemmo et al. "Characterization of inkjet chemical microdispensor for combinatorial library synthesis" Anal. Chem. 69:543:551 (1997)	
	C44	Linford et al., "Alkyl monolayers on silicon prepared from 1-alkenes and hydrogen-terminated silicon," J. Am. Chem. Soc., 117:3145-3155 (1995)	
	C45	Loeb et al. "Complete mutagenesis of the HIV-1 protease" Nature 340:397-400 (1989)	
	C46	Louis et al. "Autoprocessing of the HIV-1 protease using purified wild-type and mutated fusion proteins expressed at high levels in Escherichia coli" Eur. J. Biochem. 199:361-369 (1991)	
	C47	Lueking et al., "Protein microarrays for gene expression and antibody screening." Anal Biochem. 1999 May 15;270(1):103-11.	
	C48	Maier et al., "Automated array technologies for gene expression profiling", Drug Discovery Today, 2(8), 315-324, (1997)	
	C49	Marks et al. "By-passing immunization-Human antibodies from V-gene libraries displayed on phage" J. Mol. Biol. 222:581-597 (1991)	
	C50	Marshall et al., "DNA chips: an array of possibilities." Nat Biotechnol. 1998 Jan;16(1):27-31.	
	C51	Martynova et al. "Fabricating of plastic microfluid channels by imprinting methods" Anal. Chem. 69:4783-47-89 (1997)	
	C52	Maskos et al., "Oligonucleotide hybridizations on glass supports: a novel linker for oligonucleotide synthesis and hybridization properties of oligonucleotides synthesised in situ", Nucleic Acids Res. 1992 Apr 11;20(7):1679-84.	
	CS3	Mauracher et al. Reduction of rubella ELISA background using heat denatured sample buffer. J. Immunol. Methods. 145:251-254, 1991	
	C54	Moore et al. "Peptide substrates and indibitors of HIV-1 protease" Biochem. Biophys. Res. Com. 159:420-425 (1989)	
L/C	C55	Mrksich et al., "Controlling cell attachment on contoured surfaces with self-assembled	

EXAMINER: *Alex Cook*DATE CONSIDERED: *6/4/07*

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Serial No.  
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Applicant  
 Hoeffler et al.

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
		monolayers of alkanethiolates on gold," Proc. Natl. Acad. Sci. USA, 93:10775-10778 (1996)	
LC	C56	Nock, "Reversible, site-specific immobilization of polyarginine-tagged fusion proteins on mice surfaces," FEBS, 414:233-238 (1997)	
	C57	Noren et al. "A general method for site-specific incorporation of unnatural amino acids into proteins" Science 244:182-188 (1989)	
	C58	Pale-Grosdemange et al. "Formation of self-assembled monolayers by chemisorption of derivatives of oligo(ethylene glycol) of structure HS(CH <sub>2</sub> ) <sub>11</sub> (OCH <sub>2</sub> CH <sub>2</sub> )mOH on gold" J. Am. Chem. Soc. 113(1)12-20 (1991)	
	C59	Pandey et al. "Proteomics to study genes and genomes." Nature. 2000 Jun 15;405(6788):837-46. Review.	
	C60	Pennington et al., Trends in Cell Biology, 7(7): 168-173 (1997)	
	C61	Peraldi et al. "Protein-tyrosine-phosphatase 2C is phosphorylated and inhibited by 44-kDa mitogen-activated protein kinase." Proc Natl Acad Sci U S A. 1994 May 24;91(11):5002-6.	
	C62	Pham, et al. "Human Interleukin-2 Production in Insect (Trichoplusia ni) Larvae: Effects and Partial Control of Proteolysis", Biotechnology and Bioengineering vol. 62(2) pp. 175-182; Jan. 20, 1999.	
	C63	Prime et al., "Self-assembled organic monolayers: model systems for studying absorption of proteins at surfaces," Science, 252:1164-1167 (1991)	
	C64	Ramsay G., "DNA chips: state-of-the art.", Nat Biotechnol. 1998 Jan;16(1):40-4.	
	C65	Roberts et al. "Rationale design of peptide-based HIV proteinase inhibitors" Science 248:358-361 (1990)	
	C66	Rowe et al. "Array biosensor for simultaneous identification of bacterial, viral and protein analytes" Anal. Chem. 71(17):3846-3852 (1999)	
	C67	Schock et al. "Mutational anatomy of an HIV-1 protease variant conferring cross-resistance to protease inhibitors in clinical trials" J. Biol. Chem. 271:31957-31963 (1996)	
	C68	Scholler et al., "Fine-mapping of shotgun template-libraries; an efficient strategy for the systematic sequencing of genomic DNA.", Nucleic Acids Res. 1995 Oct 11;23(19):3842-9.	
	C69	Sigal et al. "A self-assembled monolayer for the binding and study of histidine-tagged proteins by surface plasmon resonance." Anal. Chem. 68:490-497 (1996)	
	C70	Silzel et al. "Mass-sensing, multianalyte microarray immunoassay with imaging detection" Clin. Chem. 44(9):2036-2043 (1998)	
	C71	Singhvi et al., "Engineering cell shape and function", Science, 264:696-698 (1994)	
LC	C72	Skalka: Retroviral proteases: first glimpses at the anatomy of a processing machine Cell 56:911-913 (1989)	

EXAMINER: *Olisa Cook*

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L/C	C73	Stennicke et al., "Biochemical characteristics of caspases-3, -6, -7, and -8," The Journal of Biological Chemistry, 272:25719-25723 (1997)		
	C74	Stern, D. F., Zheng, P., Beidler, D. R., and Zerillo, C. Spk1, a new kinase from <i>Saccharomyces cerevisiae</i> phosphorylates protein on serine, threonine, and tyrosine. <i>Mol. Cell. Biol.</i> 11, 987-1001 (1991).		
	C75	Sundberg et al., "Spatially-addressable immobilization of macromolecules on solid supports," <i>J. Am. Chem. Soc.</i> , 117:12050-12057 (1995)		
	C76	Talanian et al. "Substrate specificities of caspases family proteases" <i>J. Biol. Chem.</i> 272:9677-9682 (1997)		
	C77	Thornberry "Interleukin-1beta converting enzyme" <i>Meth. Enzymology</i> 244:615-631 (1994)		
	C78	Villa et al. "Caspases and caspase inhibitors" <i>TIBS</i> 22:388-393 (1997)		
	C79	Wagner et al., ".omega.-functionalized self-assembled monolayers chemisorbed on ultraflat Au(111) surfaces for biological scanning probe microscopy in aqueous buffers," <i>J. Vac. Sci. Technol. B</i> 14(2):1466-1471 (1996)		
	C80	Wagner et al., "Bioreactive self-assembled monolayers on hydrogen-passivated Si(111) as a new class of atomically flat substrates for biological scanning probe microscopy," <i>Journal of Structural Biology</i> , 119:189-201 (1997)		
	C81	Wagner et al., "Covalent immobilization of native biomolecules onto Au(111) via N-hydroxysuccinimide ester functionalized self-assembled monolayers for scanning probe microscopy," <i>Biophysical Journal</i> , 70:2052-2066 (1996)		
	C82	Wagner et al., "Formation and in Situ modification of monolayers chemisorbed on ultraflat template-stripped gold surfaces," <i>Langmuir</i> , 11(10):3867-3875 (1995)		
	C83	Weiner et al. "Site-directed mutagenesis of double-stranded DNA by the polymerase chain reaction" <i>Gene</i> 151:119-123 (1994)		
	C84	Wilson et al., "Structure and mechanism of interleukin-1.beta. converting enzyme," <i>Nature</i> , 370:270-275 (1994)		
	C85	Wondrak et al. "Influence of flanking sequences on the dimer stability of human immunodeficiency virus type 1 protease" <i>Biochemistry</i> 35:129557-12962 (1996)		
	C86	Woo et al., <i>Methods in Enzymology</i> , Vol. 68, 389-395, 1979.		
	C87	Wu et al. "Structural basis for a specificity of retroviral proteases" <i>Biochemistry</i> 37:4518-4526 (1998)		
	C88	Xie K, Lambie EJ, Snyder M. Nuclear dot antigen may specify transcriptional domains in the nucleus. <i>Mol Cell Biol.</i> 1993 Oct;13(10):6170-9. PMID: 8413218		
L/C	C89	Xie K, Snyder M., "Two short autoepitopes on the nuclear dot antigen are similar to epitopes		

EXAMINER: *Alexa L Cook*

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Examiner Initials	Cite No.	Include name of author (CAPITAL LETTERS), title of the article, title of the item (book, magazine, etc.) date, page(s), volume-issue number(s), city and or country where published.	T
		encoded by the Epstein-Barr virus. Proc Natl Acad Sci U S A. 1995 Feb 28;92(5):1639-43.	
L/C	C90	Yang CH, Lambie EJ, Hardin J, Craft J, Snyder M. Higher order structure is present in the yeast nucleus: autoantibody probes demonstrate that the nucleolus lies opposite the spindle pole body. Chromosoma. 1989 Aug;98(2):123-8.	

EXAMINER: <i>Alice Cook</i>	DATE CONSIDERED: <i>6/4/07</i>
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